GAINWARD

Premium Brand of #1 NVIDIA Board Partner

# Gainward GeForce GTX 780 3GB

## *The Pure Performance*

## Specifications

| | | | |
|---|---|---|---|
| Process Technology | 28nm | Base Clock | 863MHz |
| Processor Cores | 2304 cores | Boost Clock | 902MHz |
| Memory Amount | 3072MB | Memory Clock | 3004 MHz |
| Memory Type | 384b GDDR5 | Memory Bandwidth | 288.4 (GB/Sec) |

## Key Features

- Kepler architecture
- NVIDIA GPU Boost 2.0
- NVIDIA Adaptive Vertical Sync
- NVIDIA TXAA and FXAA technology
- NVIDIA SHIELD gaming portable Ready
- Microsoft DirectX 11.1 API (feature level 11_0) with DirectCompute 5.0 support
- NVIDIA PhysX technology
- NVIDIA CUDA technology
- NVIDIA 3D Vision and NVIDIA Surround Ready
- NVIDIA SLI Ready
- PCI Express 3.0 support
- OpenGL 4.3 and OpenCL Support
- Support for four concurrent displays including:
  - DisplayPort 1.2
  - DVI *2 (dual-link)
  - HDMI v1.4a

HDMI HDCP COMPLIANT

NVIDIA GEFORCE GTX

GPU Boost

**Fastest :**
Delivers extreme power and efficiency thanks to the technology for intelligent monitoring of clock speed, ensuring that the GPU runs at its peak and the game is at its highest frame rate possible.

**Smoothest:**
Count on NVIDIA gaming innovations like new hardware-based frame metering, ultra-fast TXAA/FXAA antialiasing, and Adaptive Vertical Sync for an ultra-smooth gaming experience.

Adaptive V-Sync

NVIDIA 3D VISION

RICHER EXPERIENCE WITH 3D VISION SURROUND

**Richest:**
Crank up NVIDIA Surround ™ multi-monitor gaming or VIDIA 3D Vision® Surround technology with NVIDIA PhysX® in full 1080 HD on a single graphics card.

## Output Support

DVI-I, DVI-D, HDMI, DisplayPort

## Minimum system requirements

Graphics card require:
- PCI Express-compliant motherboard with one dual-width x16 graphics slot
- 8-pin + 6-pin PCI Express supplementary power connectors
- Minimum 600W or greater system power supply (with a minimum 12V current rating of 42A)
- Microsoft Windows 8, 7, Vista, XP

## Dimension

PCB: 267mm(L)x112mm(W)
Cooler :2 slot
Bracket: 2 slot

## Accessory

1. Driver CD
2. Manual
3. Power cable

GW GTX 780_bar code: 426018336-2890

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Gamer's Spirit!

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